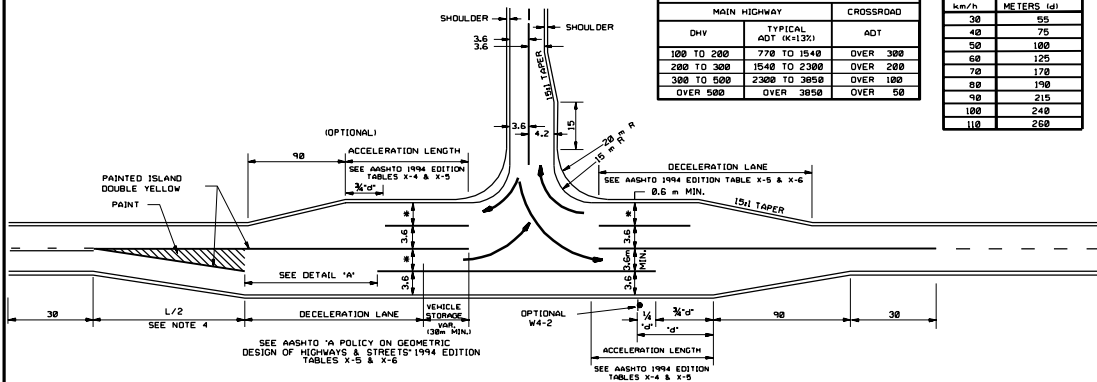


* 3.6 m LANE WIDTH DESIRABLE
3.0 m MIN. LOW VOLUME LOW SPEED

1. FOR 4 LEG INTERSECTION, PROVIDE LEFT TURN POCKET ON OPPOSITE APPROACH, ALSO ADD RIGHT TURN DECELERATION LANE IF WARRANTED.
2. PROVIDE RIGHT TURN DECELERATION LANE WHEN DRY ON MAIN HIGHWAY EXCEEDS 300 & CROSSROAD ADT EXCEEDS 180. INCREASE THE VOLUMES (DHY + ADT) TO PROVIDE PASSENGER CAR EQUIVALENT FOR TRUCKS.
3. PROVIDE LEFT TURN LANE AT ALL INTERSECTING CROSSROADS WHEN VOLUMES EXCEED THOSE LISTED IN TABLE 1 (INCREASE THE VOLUMES (DHY + ADT) TO PROVIDE PASSENGER CAR EQUIVALENT FOR TRUCKS.)
4. FOR SPEEDS 70 km/h OR OVER
 $L = S + W = 2/3$
FOR SPEEDS 60 km/h OR LESS
 $L = \frac{WS}{3}$
L = LENGTH IN METER
S = 85th PERCENTILE SPEED km/h
W = OFFSET IN METERS
5. L: 45 m FOR SPEEDS OVER 70 km/h
L: 40 m FOR SPEEDS 70 km/h OR LESS

RURAL		
TABLE I		
MAIN HIGHWAY		CROSSROAD
DHV	TYPICAL ADT (K±13%)	ADT
100 TO 200	770 TO 1540	OVER 300
200 TO 300	1540 TO 2300	OVER 200
300 TO 500	2300 TO 3650	OVER 100
OVER 500	OVER 3650	OVER 50

"d" DISTANCE	
km/h	METERS (d)
30	55
40	75
50	100
60	125
70	170
80	190
90	215
100	240
110	260



ALL DIMENSIONS SHOWN ARE METERS (m) UNLESS OTHERWISE NOTED.

STD. Dwg. NO.	825-2	(METRIC)	TYPICAL RURAL 2 LANE ROAD WITH MEDIAN LANE AND DECELERATING LANE FOR INTERSECTING CROSSROADS	STANDARD DRAWING TITLE
CHAIRMAN, STANDARDS COMMITTEE APPROVED		UTAH DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION SALT LAKE CITY, UTAH		
DEPUTY DIRECTOR		RECOMMENDED FOR APPROVAL		
APR 14, 1979 SALT LAKE CITY		APR 14, 1979 SALT LAKE CITY		
NO. DATE		REMARKS		
1 8/23/78		UPDATED FROM D.I. ITEM		
2 8/23/78		CORRECT TABLES AND DIMENSIONS, NEW DETAIL A.		
3 12/18/78		TABLE 1 CHANGED TO 2 TO CORRECT DIMENSION		
4 8/17/79		IN UPPER RIGHT: ACCELERATION LENGTH DETAIL.		
5 8/17/79		CORRECT SLOPE LINE DIMENSION		
REVISED		REVISED		